

Applicant : Gautam Khurana et al.
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Attorney's Docket No.: 14256-002001

a gene delivery device comprising a contact surface for contacting a tissue, wherein said contact surface comprises bristles; and

a pharmaceutical composition comprising a nucleic acid, a polymerizeable compound, and a polymerizing agent.

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12. (Amended Twice) A kit, comprising:

a gene delivery device comprising a graspable surface for attachment to a contact surface; at least one contact surface for attachment to said graspable surface, wherein said contact surface comprises bristles; and

a pharmaceutical composition comprising a dye or other detectable moiety, a polymerizeable compound, a polymerizing agent, and a nucleic acid.

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14. (Amended Once) The kit according to claim 11 or 12, wherein said nucleic acid is DNA.

15. (Amended Once) The kit according to claim 11 or 12, wherein said nucleic acid is RNA, an anti-sense molecule, a triple-helix-forming nucleic acid, an aptamer, or a ribozyme.

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17. (Amended Once) The kit according to claim 11, wherein said gene delivery device comprises a graspable element having a longitudinal axis, and said contact surface is detachable from said graspable element.

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21. (Amended Twice) A device for delivering a pharmaceutical composition to a tissue, comprising:

a housing having a first end and a second end and defining a lumen, said first end comprising an opening;

a contact surface for contacting a tissue, wherein said contact surface comprises a plurality of bristles at least partially surrounding said opening, wherein said contact surface is detachably connected to said housing.

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22. (Amended Once) The device of claim 21, wherein said contact surface is connected to said housing via an adapter.

23. (Amended Once) The device of claim 21, wherein said contact surface is adjustable to an angle that is 0-180° with respect to the longitudinal axis of the housing.

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29. (Amended Twice) A kit comprising a device for delivering a pharmaceutical composition to a tissue, and a pharmaceutical composition comprising a nucleic acid, wherein said device comprises:
a housing having a first end and a second end and defining a lumen, said first end comprising an opening;
a contact surface for contacting a tissue, wherein said contact surface comprises a plurality of bristles at least partially surrounding said opening, and wherein said contact surface is connected to said housing.--

Please add claims 30-40 as follows:

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--30. The method according to claim 1, wherein said nucleic acid is RNA, an anti-sense molecule, a triple-helix-forming nucleic acid, an aptamer, or a ribozyme.

31. A device for delivering a pharmaceutical composition to a tissue, comprising:
a housing having a first end and a second end and defining a lumen, said first end comprising an opening;
a contact surface for contacting a tissue, wherein said contact surface comprises a plurality of bristles at least partially surrounding said opening, wherein said contact surface is connected to said housing, and wherein said contact surface is adjustable to an angle that is 0-180° with respect to the longitudinal axis of said housing.

32. The device of claim 31, wherein said contact surface is connected to said housing via an adapter.

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33. The device of claim 31, wherein said lumen further comprises a first and second channel, said first and second channel sharing a common wall.
34. The device of claim 31, wherein said second end of said housing is connectable to a syringe or conduit-tubing.
35. The device of claim 34, wherein said syringe and conduit tubing are double-barreled.
36. The device of claim 31, wherein said first end comprises a plurality of openings.
37. The kit according to claim 29, wherein said nucleic acid is DNA.
38. The kit according to claim 29, wherein said nucleic acid is RNA, an anti-sense molecule, a triple-helix-forming nucleic acid, an aptamer, or a ribozyme.
39. The kit according to claim 29, wherein said contact surface is detachable from said housing.
40. The kit according to claim 29, wherein said contact surface comprises a plurality of contact surfaces, each of which are differently angulated with respect to the longitudinal axis of said housing.--